

CLAIMS

1. A battery comprising a battery body including:  
a positive and a negative electrode containing an active  
material,

an electrolytic solution containing an electrolyte, and  
an adhesive resin layer which is interposed in between the  
positive electrode and the negative electrode and is joined to at  
least one of the positive and the negative electrodes,

wherein the adhesive resin layer comprises at least one  
layer and contains fillers.

2. A battery according to claim 1, wherein said  
electrolyte is an organic electrolyte containing lithium ions.

3. A battery according to claim 1, wherein the  
average particle size of said filler is equal to or smaller than  
the particle size of the active material constituting each  
electrode.

4. A battery according to claim 1, wherein said  
average particle size of said filler is 1  $\mu\text{m}$  or smaller.

5. A battery according to claim 1, wherein the sum  
of a volume ratio of the adhesive resin and that of the filler per  
unit volume of said adhesive resin layer is less than 1.

6. A battery according to claim 1, wherein the sum of a volume ratio of the adhesive resin and that of the filler per unit volume of said adhesive resin layer is 0.2 to 0.8.

7. A battery according to claim 1, wherein said filler comprises at least one of non-conductive materials and semiconductors.

8. A battery according to claim 1, wherein said adhesive resin layer comprises a layer containing an electrically conductive filler and a layer containing at least one of non-conductive fillers and semiconductive fillers.

9. A battery according to claim 1, wherein said adhesive resin layer is constituted so as to fill the unevenness of the positive electrode and the negative electrode.

10. A battery according to claim 1, wherein said battery body is a laminate of a plurality of electrode bodies each composed of a single layer of the positive electrode, a single layer of the adhesive resin layer, and a single layer of the negative electrode.

11. A battery according to claim 10, wherein said laminate is composed of the positive electrodes and the negative

electrodes interposed alternately among a plurality of the adhesive resin layers.

12. A battery according to claim 10, wherein said laminate is composed of the positive electrode and the negative electrode which are alternately interposed between adhesive resin layers and rolled up.

13. A battery according to claim 10, wherein said laminate is composed of the positive electrode and the negative electrode which are alternately interposed between adhesive resin layers and folded.

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